Electronic Acknowledgement Receipt				
EFS ID:	1355778			
Application Number:	10644023			
International Application Number:				
Confirmation Number:	5184			
Title of Invention:	Method and apparatus for generating a 64 state 4-D trellis code in DMT			
First Named Inventor/Applicant Name:	Lujing Cai			
Customer Number:	21967			
Filer:	Daniel R. McClure/Brooke French			
Filer Authorized By:	Daniel R. McClure			
Attorney Docket Number:	56162.000463			
Receipt Date:	06-DEC-2006			
Filing Date:	20-AUG-2003			
Time Stamp:	14:48:26			
Application Type:	Utility			
Payment information:				

## Payment information:

Submitted with Payment	no	
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1		00457048.pdf	456427	yes	9

	Multipart Description/PDF files in .zip description			
	Document Description	Start	End	
	Power of Attorney	1	7	
	Assignee showing of ownership per 37 CFR 3.73(b).	8	9	
Warnings:		•		

Information:

Total Files Size (in bytes):

456427

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt. in due course.